

Remarks

Applicants respectfully request reconsideration of the present U.S. Patent application as amended herein. Claim 1 has been amended. No claims have been added or canceled. Thus, claims 13-18 are pending.

CLAIM REJECTIONS – 35 U.S.C. § 102(b)

Claim 13 was rejected as being anticipated by U.S. Patent No. 5,778,069 issued to Thomlinson, et al. (*Thomlinson*). For at least the reasons set forth below, Applicants submit that claim 13 is not anticipated by *Thomlinson*.

Claim 13 recites:

a state machine coupled to the cipher unit to also use the ciphering unit to generate a plurality of pseudo random numbers based on selected ones of said cipher bits wherein the state machine is equipped to transition to a continuous clocking state that includes, upon power on or reset, causing the cipher unit to be continuously clocked to introduce entropy into the cipher unit.

Thus, Applicants claim use of a continuous clocking period to introduce entropy to the cipher unit.

Thomlinson does not disclose use of a continuous clocking period to introduce entropy to the cipher unit. Therefore, *Thomlinson* cannot anticipate the invention as recited in claim 13.

CLAIM REJECTIONS – 35 U.S.C. § 103(a)

Claims 14-18 were rejected as being unpatentable over *Thomlinson* in view of U.S. Patent No. 5,680,131 issued to Herbert W. Utz (*Utz*). For at least the reasons set forth below, Applicants submit that claims 14-18 are not rendered obvious by *Thomlinson* and *Utz*.

Claims 14-18 depend from claim 13. As discussed above, *Thomlinson* does not disclose use of a continuous clocking period to introduce entropy to the cipher unit. *Utz* does not cure this deficiency.

Further, *Utz* is directed to a wireless security system. Specifically, *Utz* states:

The invention relates to wireless security systems. More particularly, the invention relates to a transmitting unit for a wireless ***security system for a vehicle***, the transmitting unit generating and transmitting a different security code each time power is interrupted and re-supplied to the transmitting unit.

See Field of the Invention at col. 1, lines 25-30 (emphasis added). In contrast, claims 13-18 are directed to a cipher unit to generate ciphering bits to cipher a data stream including at least video data. Thus, one of ordinary skill in the art would not have been motivated to combine *Utz* with *Thomlinson*.

Because neither *Thomlinson* nor *Utz* teaches or suggests use of a continuous clocking period to introduce entropy to the cipher unit, no combination of *Thomlinson* and *Utz* can render claims 14-18 obvious.

CONCLUSION

For at least the foregoing reasons, Applicants submit that the rejections have been overcome. Therefore, claims 13-18 are in condition for allowance and such action is

earnestly solicited. The Examiner is respectfully requested to contact the undersigned by telephone if such contact would further the examination of the present application.

Please charge any shortages and credit any overcharges to our Deposit Account number 02-2666.

Respectfully submitted,
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